

#5  
J. Douglas  
2/1/04

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 54223  
Application ID: 09669069  
Title of Invention: TECHNIQUES FOR IMPROVING  
AUDIO CLARITY AND  
INTELLIGIBILITY AT REDUCED BIT  
RATES OVER A DIGITAL  
NETWORK  
First Named Inventor: LEIF CLAEISSON  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2000-09-22  
Effective Receipt Date: 2004-01-23  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 2895  
Attorney Docket Number: OCTVP006



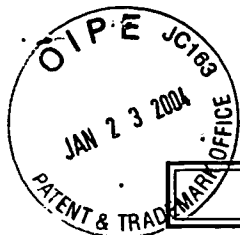
RECEIVED

JAN 28 2004

Technology Center 2600




Total Fees Authorized:

Digital Certificate Holder: cn=Joseph Michael Villeneuve,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 1634bcc385bc5f68da89e4632278e763641ca39f



## TRANSMITTAL

Electronic Version v1.1  
Stylesheet Version v1.1.0

Title of Invention	TECHNIQUES FOR IMPROVING AUDIO CLARITY AND INTELLIGIBILITY AT REDUCED BIT RATES OVER A DIGITAL NETWORK															
<table><tr><td>Application Number:</td><td>09/669069</td><td rowspan="4"></td><td rowspan="4"><b>RECEIVED</b> JAN 28 2004 Technology Center 2600</td></tr><tr><td>Date:</td><td>2000-09-22</td></tr><tr><td>First Named Applicant:</td><td>Mr. LEIF CLAEISSON</td></tr><tr><td>Confirmation Number:</td><td>2895</td></tr><tr><td colspan="2">Attorney Docket Number: OCTVP006</td><td colspan="2"></td></tr></table>			Application Number:	09/669069		<b>RECEIVED</b> JAN 28 2004 Technology Center 2600	Date:	2000-09-22	First Named Applicant:	Mr. LEIF CLAEISSON	Confirmation Number:	2895	Attorney Docket Number: OCTVP006			
Application Number:	09/669069		<b>RECEIVED</b> JAN 28 2004 Technology Center 2600													
Date:	2000-09-22															
First Named Applicant:	Mr. LEIF CLAEISSON															
Confirmation Number:	2895															
Attorney Docket Number: OCTVP006																
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>																
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Mr. JOSEPH M. VILLENEUVE Registered Number: 37,460</td><td>JOSEPH M. VILLENEUVE</td><td>Attorney</td></tr></tbody></table>				Submitted by:	Elec. Sign.	Sign. Capacity	Mr. JOSEPH M. VILLENEUVE Registered Number: 37,460	JOSEPH M. VILLENEUVE	Attorney							
Submitted by:	Elec. Sign.	Sign. Capacity														
Mr. JOSEPH M. VILLENEUVE Registered Number: 37,460	JOSEPH M. VILLENEUVE	Attorney														
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>OCTVP006-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>				Documents being submitted	Files	us-ids	OCTVP006-usidst.xml		us-ids.dtd		us-ids.xsl					
Documents being submitted	Files															
us-ids	OCTVP006-usidst.xml															
	us-ids.dtd															
	us-ids.xsl															
Comments																



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

TECHNIQUES FOR IMPROVING AUDIO CLARITY AND  
INTELLIGIBILITY AT REDUCED BIT RATES OVER A  
DIGITAL NETWORK

Application Number: 09/669069

Confirmation Number: 2895

First Named Applicant: LEIF CLAEISSON

Attorney Docket Number: OCTVP006

Art Unit: 2631

Search string: ( 4891839 or 4901307 or 5321514 or 6118878  
or 6418303 or 6038435 or 5771301 ).pn.



RECEIVED

JAN 28 2004

Technology Center 2600

Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	4891839	1990-01-02	Scheiber		381	22
	2	4901307	1990-02-13	Gilhousen et al.		370	18
	3	5321514	1994-06-14	Martinez		348	723
	4	6118878	2000-09-12	Jones		381	72
	5	6418303	2002-07-09	Blackburn et al.		455	234.2
	6	6038435	2000-03-14	Zhang		455	234.1
	7	5771301	1998-06-23	Fuller et al.		381	107

Signature

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. //J.A./

/Jamie Atala/

02/01/2010

Examiner Name	Date